

**Ovarian proteomic study reveals the possible molecular mechanism for
hyperprolificacy of Small Tail Han sheep**

Xiangyang Miao* Qingmiao Luo Huijing Zhao Xiaoyu Qin

Institute of Animal Sciences, Chinese Academy of Agricultural Sciences, Beijing,
100193, China

*Corresponding author: Xiangyang Miao; Tel: 86-10-62895663(China),

E-mail: mxy32@sohu.com

Figure S1 Functional annotation of differentially expressed proteins identified between Dorset and Han BB groups, according to their cellular component.

Figure S2 Functional annotation of differentially expressed proteins identified between Dorset and Han BB groups, according to their molecular function.

Figure S3 Functional annotation of differentially expressed proteins identified between Dorset and Han BB groups, according to their biological process.

Figure S4 Functional annotation of differentially expressed proteins identified between Dorset and Han ++ groups, according to their cellular component.

Figure S5 Functional annotation of differentially expressed proteins identified between Dorset and Han ++ groups, according to their molecular function.

Figure S6 Functional annotation of differentially expressed proteins identified between Dorset and Han ++ groups, according to their biological process.

Figure S7 Functional annotation of differentially expressed proteins identified between Han BB and Han ++ groups, according to their cellular component.

Figure S8 Functional annotation of differentially expressed proteins identified between Han BB and Han ++ groups, according to their molecular function.

Figure S9 Functional annotation of differentially expressed proteins identified between Han BB and Han ++ groups, according to their biological process.

Table S1 List of significant differentially expressed proteins identified by iTRAQ analysis

Table S2 All identified proteins annotated based on gene oncology.

Table S3 COG functional classification of all identified proteins.

Table S4 Differentially expressed proteins between Han BB group and Dorset group.

Table S5 Differentially expressed proteins between Han ++ group and Dorset group.

Table S6 Differentially expressed proteins between Han BB group and Han ++ group.

Figure S2

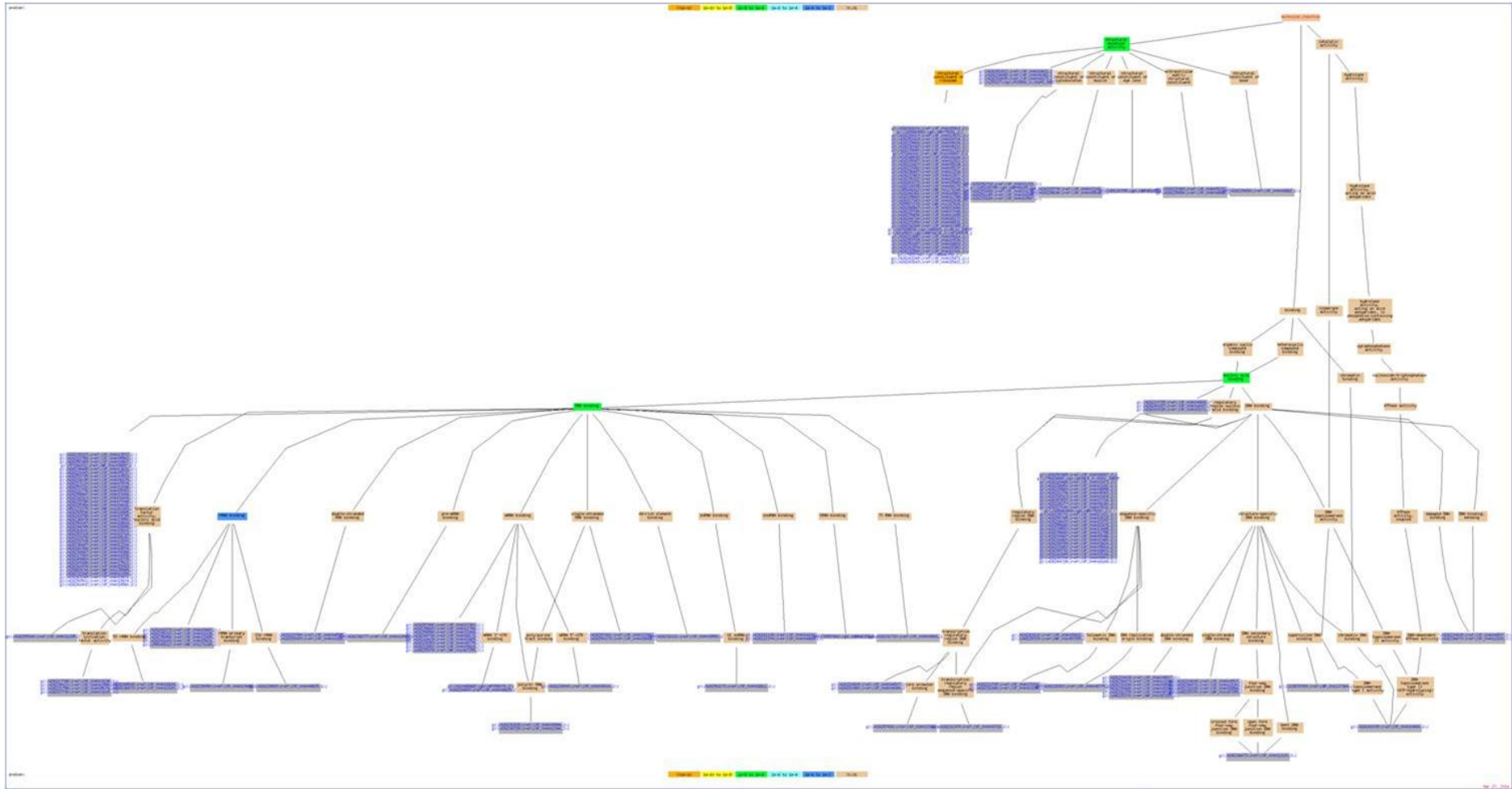


Figure S3

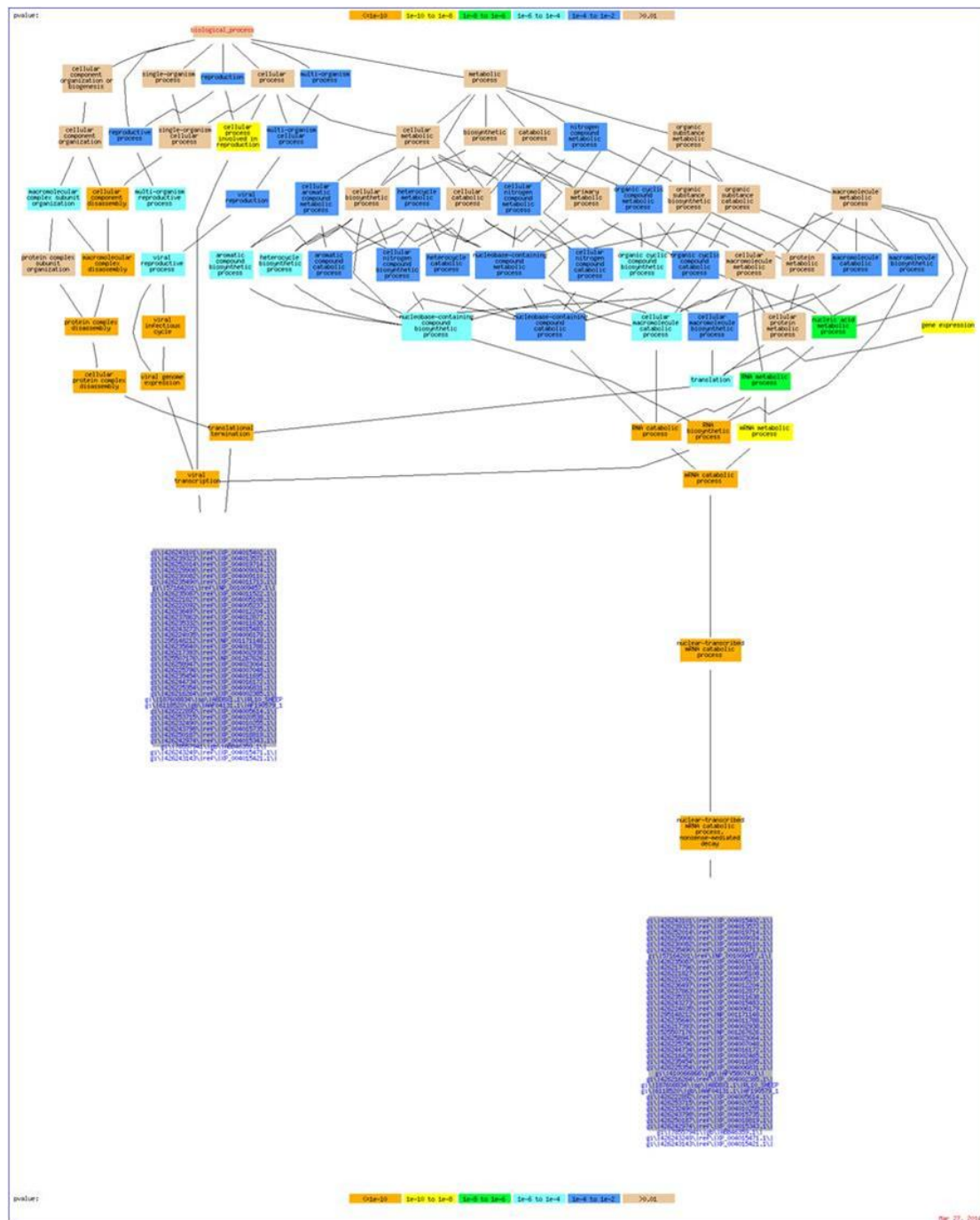


Figure S4

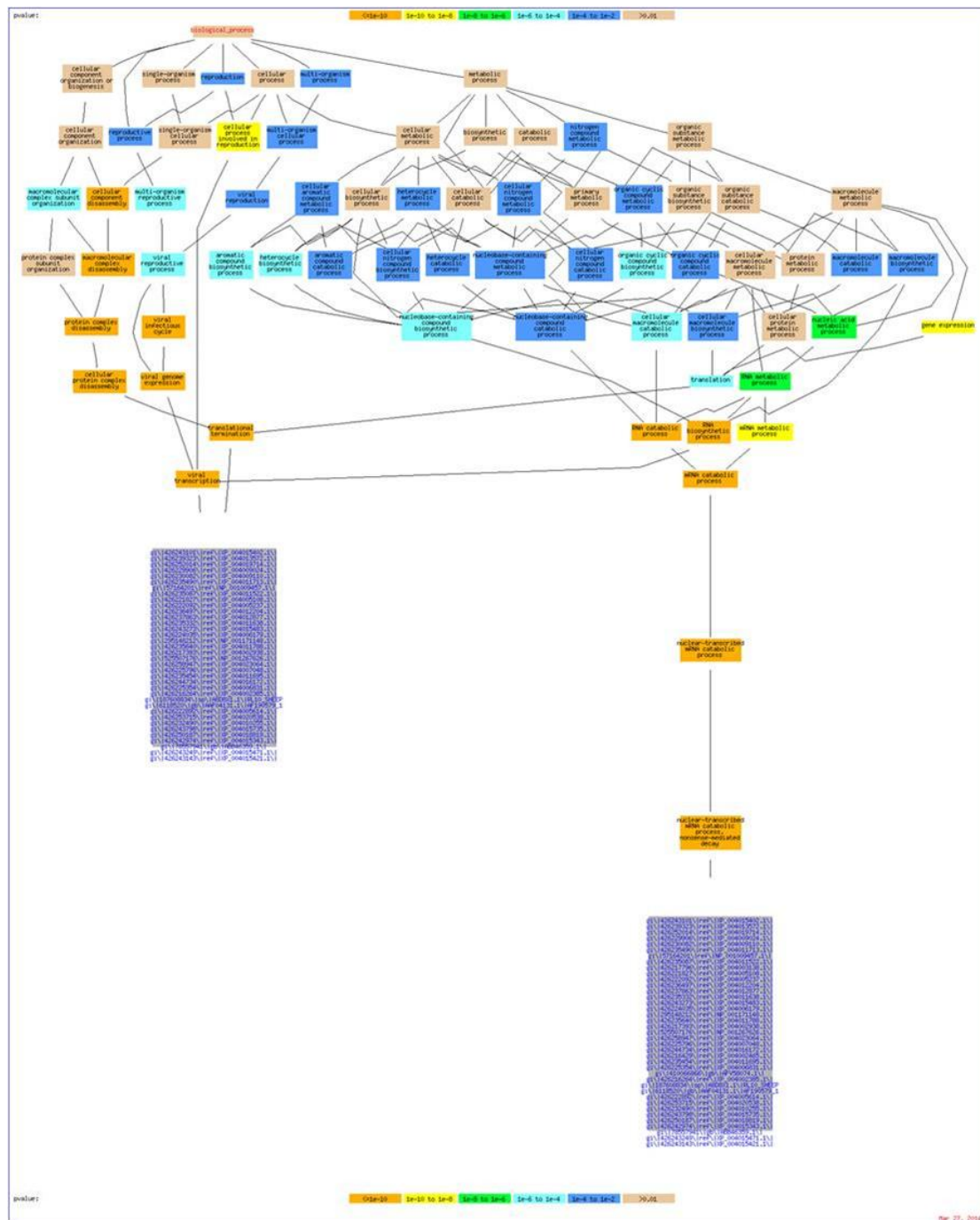


Figure S6

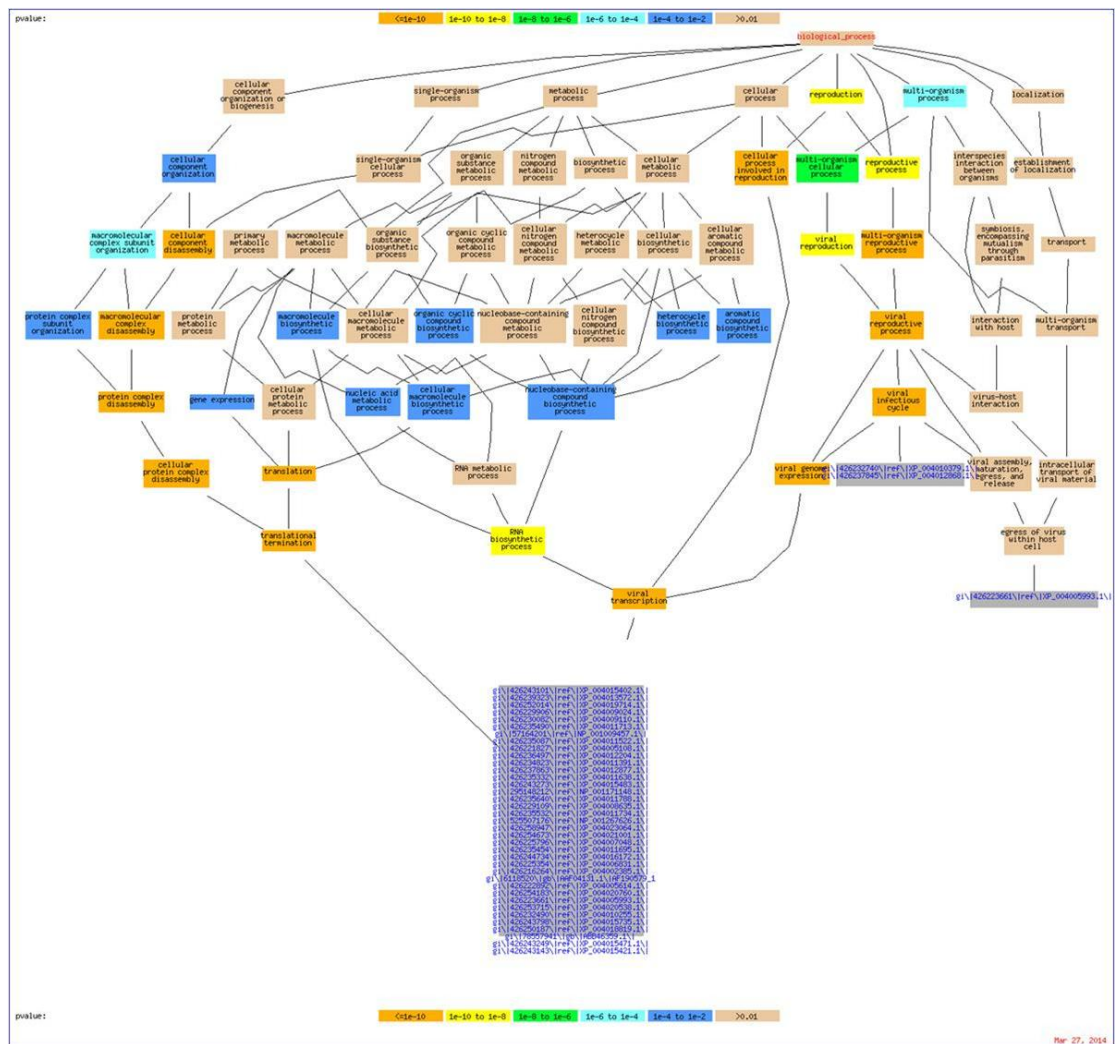


Figure S7

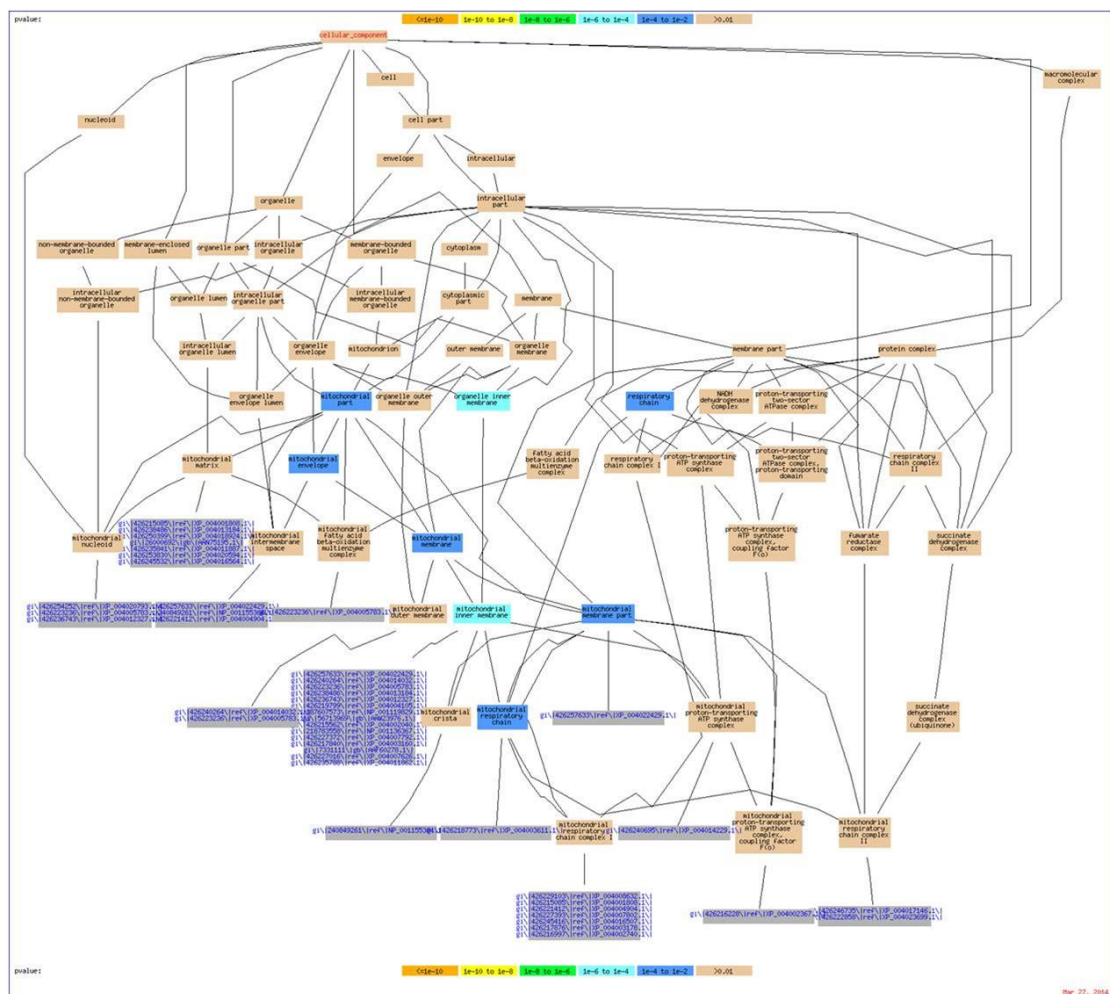


Figure S8

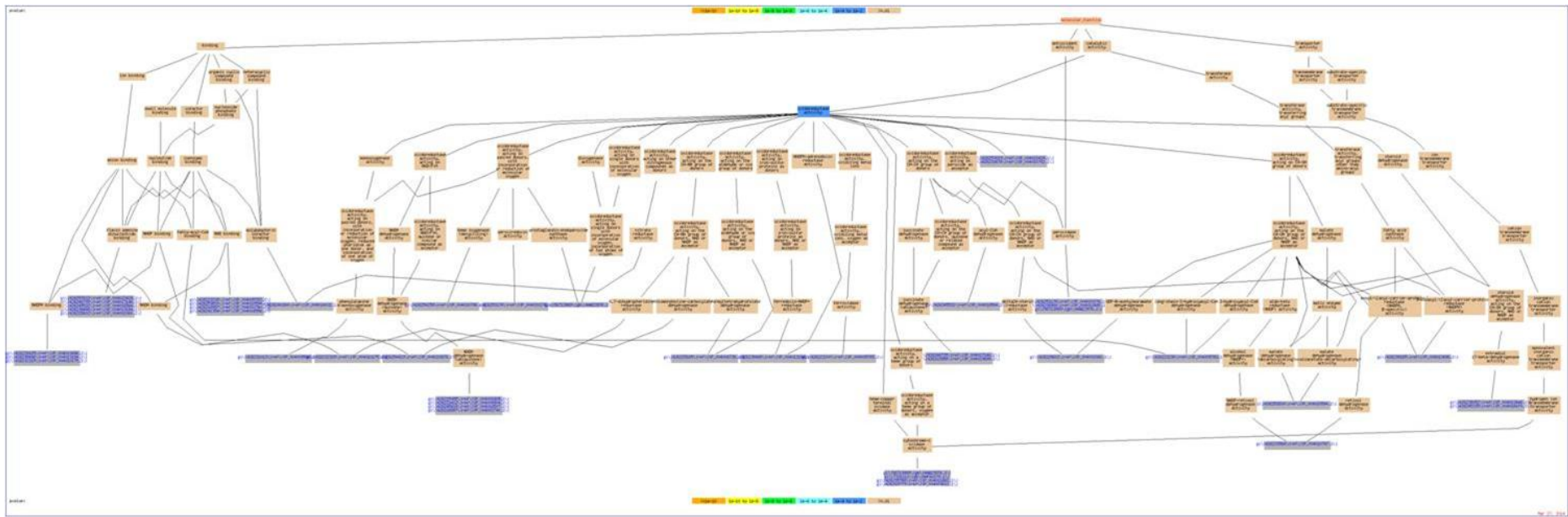


Figure S9

